

M915 FOV (Freightliners)

HOT WEATHER/DESERT OPERATION - MARCH 05

This abbreviated checklist is not to be used as a replacement for the -10 series Tech Manuals or any other PMCS guide

1. PMCS Considerations:

- a. Check AOA for Missing or Loose Bolts Daily.
- b. Check Air Conditioner System, if not blowing cold air have Maintenance check system for leaks prior to mission.
- c. AOA requires more frequent checks. Vehicle Checks should be conducted at each stop during mission.
- d. Allow Engine to idle prior to shut down to allow cool down time with extreme heat.
- e. Drain Fuel Water Separator Daily.

2. Add On Armor Considerations:

- a. Vehicle handling is impacted by AOA
 - * Allow for greater stopping distances due to additional weight of vehicle
 - * Additional weight will impact engine exhaust brake operation
 - * Reduce Speed prior to negotiating turns.
- b. AOA causes excess wear on Engine, Drive Line, Brakes, Suspension and Steering components.
- c. AOA Reduces visibility, Stay Alert and ensure your Assistant Driver is Alert.

Approved for public release; distribution is unlimited.

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3. Extreme Temperature Operation:

- a. Check Fluids Daily (includes batteries).
- b. Check Tire Pressure Daily.
 - * For vehicles with CTIS ensure proper setting is selected for surfacing being traversed during the mission.
- c. Check Batteries for Cracks.
- d. Replace Engine belts that show any sign of wear.
- e. Clean Air Filters and Radiator fins daily.
- f. Keep Air Conditioner fins free from Dirt and Sand.
- g. Wipe Dirt away from Fuel Tank lid before opening.
- h. Avoid long continuous high speeds, long, hard pulls, and continuous operation in soft terrain.
- i. Watch all gauges and indicator lights for proper readings.
- j. Cover windows when not in use.

4. Recommended Fluids and Lubricants:

- a. Engine: When temperatures reach 100 °F use OE/HDO 40.
- b. Use a mixture of 50% water and 50% Antifreeze in Radiator.
- c. Transmission: 15W/40.
- d. Lubricate Vehicle / Trailer Daily (wipe off fitting first).
- e. On vehicles equipped with a winch or dump body, check fluid level daily and use OE/HDO-10

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